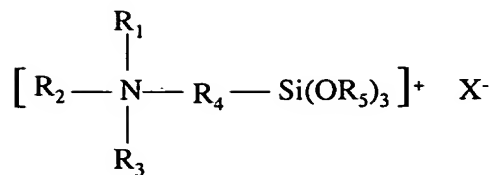


IN THE CLAIMS

This is a complete and current listing of the claims, marked with status identifiers in parentheses. The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) An antimicrobial substrate ~~having comprising:~~
an organosilicon quaternary ammonium salt compound
adhered to at least a part of ~~its~~ a surface of the substrate
~~an organosilicon quaternary ammonium salt compound, c h a r a~~
~~e t e r i z e d i n f u r t h e r h a v i n g ; a n d~~
a c a t i o n i c p o l y m e r ~~adhered to at least a part of its the~~
~~surface a c a t i o n i c p o l y m e r.~~
2. (Original) A substrate according to claim 1, wherein the cationic polymer is a hydrophilic polymer.
3. (Currently Amended) A substrate according to claim 1 ~~or claim 2~~, wherein the cationic polymer comprises -NH- in the polymeric backbone.
4. (Original) A substrate according to claim 3, wherein the cationic polymer is a polyethylene imine.
5. (Original) A substrate according to claim 3, wherein the cationic polymer is polyhexamethylene biguanide hydrochloride (PHMB).
6. (Currently Amended) A substrate according to ~~any one of claims 1-5~~ claim 1, wherein the antimicrobial organosilicon quaternary ammonium salt compound is according to Formula II



Formula II

wherein

R₁ is an C₁₋₃₀ alkyl group, preferably an C₈₋₃₀ alkyl group,

R₂ and R₃, R₄ and R₅ each independently are an C₁₋₃₀ alkyl group or hydrogen, and

X is a counter ion, such as Cl⁻, Br⁻, I⁻ or CH₃COO⁻.

7. (Original) A substrate according to claim 6, wherein the antimicrobial organosilicon quaternary ammonium salt compound is 3-(trimethoxysilyl)propyl-dimethyloctadecyl ammonium chloride.

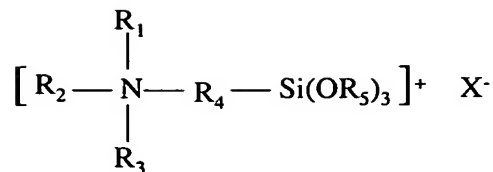
8. (Currently Amended) A method for producing an antimicrobial substrate according to ~~any one of claims 1-7~~ claim 1, characterised in comprising:

adhering an organosilicon quaternary ammonium salt compound to at least a part of the substrate surface, and
adhering a cationic polymer to at least a part of the substrate surface.

9. (Currently Amended) A composition for use in the production of an antimicrobial substrate according to ~~any one of claims 1-7, characterised in~~ claim 1, comprising an organosilicon quaternary ammonium salt compound and a cationic polymer.

10. (New) A substrate according to claim 2, wherein the cationic polymer comprises -NH- in the polymeric backbone.

11. (New) A substrate according to claim 2, wherein the antimicrobial organosilicon quaternary ammonium salt compound is according to Formula II

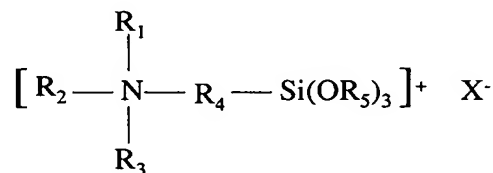


Formula II

wherein

R₁ is an C₁₋₃₀ alkyl group, preferably an C₈₋₃₀ alkyl group,
R₂ and R₃, R₄ and R₅ each independently are an C₁₋₃₀ alkyl
group or hydrogen, and
X is a counter ion, such as Cl⁻, Br⁻, I⁻ or CH₃COO⁻.

12. (New) A substrate according to claim 3, wherein
the antimicrobial organosilicon quaternary ammonium salt
compound is according to Formula II

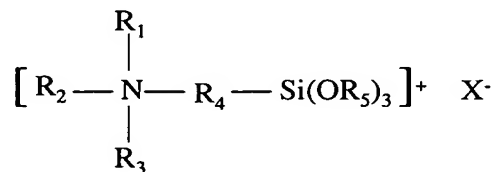


Formula II

wherein

R₁ is an C₁₋₃₀ alkyl group, preferably an C₈₋₃₀ alkyl group,
R₂ and R₃, R₄ and R₅ each independently are an C₁₋₃₀ alkyl
group or hydrogen, and
X is a counter ion, such as Cl⁻, Br⁻, I⁻ or CH₃COO⁻.

13. (New) A substrate according to claim 4, wherein
the antimicrobial organosilicon quaternary ammonium salt
compound is according to Formula II



Formula II

wherein

R₁ is an C₁₋₃₀ alkyl group, preferably an C₈₋₃₀ alkyl group,

R_2 and R_3 , R_4 and R_5 each independently are an C_{1-30} alkyl group or hydrogen, and

X is a counter ion, such as Cl^- , Br^- , I^- or CH_3COO^- .

14. (New) A composition for use in the production of an antimicrobial substrate according to claim 2, comprising an organosilicon quaternary ammonium salt compound and a cationic polymer.

15. (New) A composition for use in the production of an antimicrobial substrate according to claim 3, comprising an organosilicon quaternary ammonium salt compound and a cationic polymer.

16. (New) A composition for use in the production of an antimicrobial substrate according to claim 4, comprising an organosilicon quaternary ammonium salt compound and a cationic polymer.

17. (New) A method for producing an antimicrobial substrate, comprising:

adhering an organosilicon quaternary ammonium salt compound to at least a part of a surface of the substrate; and
adhering a cationic polymer to at least a part of the substrate surface.